

Annual Reports
OF THE
Medical Officer of Health
AND THE
Inspector of Nuisances
OF THE
Cannock Rural District Council
FOR THE YEAR 1911.



CANNOCK :

WITHINGTON, PRINTER, MARKET PLACE.



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29090313>

Cannock Rural District Council.

—o—

Cheslyn Hay, Walsall,

February 15th, 1912.

*To the Chairman and Members of the Cannock
Rural District Council.*

GENTLEMEN,

I beg to submit for your consideration my Report for the year 1911 upon the sanitary work of the year, and upon the vital statistics in the District.

Amid the many changes of 10 years, unfulfilled expectations and in some cases pleasing surprises, we find that the Census Returns work out a few miscalculations in some of our estimates in a few parishes. My estimate for the District in my last Annual Report stood at 20,115. Population.

The Census figure is 19,793, an over estimate of 322.

Brewood Sub-Registration District—

	1901.	My Estimate in		Census Returns,
		1910.		1911.
Bushbury	... 3386	... 3900	...	3595
Brewood	... 2535	... 2500	...	2567
Penkridge	... 2347	... 2460	...	2386
Lapley	... 741	... 730	...	788
Acton and Bednall	538	... 560	...	524
Dunston	... 262	... 265	...	245
Stretton	... 245	... 240	...	232
Teddesley	... 125	... 130	...	124
Coppenhall	... 90	... 80	...	108
Featherstone	... 51	... 40	...	39
Kinvaston	... 18	... 20	...	21
	10,338	10,925		10,629

Over Estimates.			Under Estimates.		
Bushbury	... 305		Brewood	... 67	
Penkridge	... 74		Lapley	... 58	
Acton and Bednall	36		Coppenhall	... 28	
Dunston	... 20		Kinvaston	... 1	
Stretton	... 8				
Teddesley	... 6				154
Featherstone	... 1				

450

An over estimate for the Brewood Sub-Registration District of 296.

The advance in Bushbury, 1891 to 1901, was 1,134; from 1901 to 1911 was 209; and my explanation lies in this factor: That the increase of population in Bushbury has in no sense fulfilled my expectations, although in 20 years the figures have gone from 2,252 to 3,595. Brewood has risen from 2,252 in 1891 to 2,567; whilst Penkridge has declined from 2,667 in 1891 to 2,386. Mainly an agricultural population, except in Bushbury, which is full of railway men of various grades and Electric Construction Company workmen.

Cannock (Rural) Sub-Registration District—

			My Estimate in Census Returns,		
			1901.	1910.	1911.
Cheslyn Hay	...	2560	...	3060	3309
Essington	...	1670	...	2200	2300
Great Wyrley	...	1687	...	1950	1955
Hatherton	...	507	...	565	498
Shareshill	...	354	...	375	370
Saredon	...	313	...	375	375
Huntington	...	351	...	590	300
Hilton	...	77	...	75	57
			7,519	9,190	9,164
Over Estimates.			Under Estimates.		
Hatherton	...	67	Cheslyn Hay	...	249
Huntington	...	290	Essington	...	100
Hilton	...	18	Wyrley	...	5
Shareshill	...	5			
			380		
			354		

An over estimate for the Sub-Registration District of 26; or for entire District of 322.

The increases in Cheslyn Hay and Essington counter-balance the somewhat surprising figures for Huntington, where, in spite of big colliery developments, the figures for 1901, viz., 351, declines to 300 in 1911.

Occupations in this District: Mainly mining; edge tool workmen; labourers in tileries and brickyards; and agricultural labourers.

Births in the Year—

Males ... 267		Females ... 235		Total ... 502	
General Birth Rate			...	25.36 per 1,000.	
Births.	1910	...	25.15 per 1000	1905	...
	1909	...	25.60	1904	...
	1908	...	27.75	1903	...
	1907	...	25.88	1902	...
	1906	...	26	1901	...
					28 per 1000
					28
					33
					33
					30

Birth Rate in Staffordshire Rural Districts in 1910,
25·1 per 1,000.

In 1889 to 1893 (5 Years' Rate)	...	30·2 per 1000
In 1894 to 1898	" "	30·5 "
In 1899 to 1903	" "	30·2 "
In 1904 to 1908	" "	27·0 "

The declining Birth Rate is thus seen in the County, as well as in our own District; in fact, in general throughout the Country.

Cannock (S.R.D.) Birth Rates.			Brewood (S.R.D.) Birth Rates.		
1911	...	27·1 per 1000	1911	...	23·7 per 1000
1910	...	30·1 "	1910	...	20·9 "
1909	...	27·9 "	1909	...	23·6 "
1908	...	32 "	1908	...	24 "
1907	...	30 "	1907	...	22 "

The mining district is thus seen to be less responsible than the agricultural area, for what is regarded by many social reformers as a grave social problem.

Deaths in the Year—

Males	...	103	Females	...	101	Total	...	204
General Death Rate			...			10·30 per 1,000.		

In order to arrive at the correct Death Rate of the District, we must allow for the deaths of residents belonging to the District who have died in Institutions outside the District, notably in Wolverhampton Hospital, the Walsall Hospital, the Workhouse Infirmary, and the County Asylums. Reviewing these deaths, the corrected Death Rate stands thus, 11·87 per 1,000.

Rural Districts in Staffordshire: Death Rate in 1910,
12·4 per 1,000.

Corrected Death Rates, allowing for these deaths in
Institutions outside the District—

1911	...	11·87 per 1000	1905	...	11·80 per 1000
1910	...	11·53 "	1904	...	13·1 "
1909	...	12·56 "	1903	...	11·2 "
1908	...	12·50 "	1902	...	13·2 "
1907	...	11·25 "	1901	...	15·7 "
1906	...	10·58 "			

Cannock (S.R.D.) Death Rates.			Brewood (S.R.D.) Death Rates.		
1911	...	10·3 per 1000	1911	...	10·2 per 1000
1910	...	10·7 "	1910	...	10·6 "
1909	...	11·9 "	1909	...	12·3 "
1908	...	12·2 "	1908	...	12·3 "
1907	...	10·4 "	1907	...	11·1 "

Of persons actually dying in the District.

Mortality as to time of Year—

Quarterly Mortality.	Cannock.		Brewood.		Totals.
	First Quarter ...	28	...	31	59
	Second Quarter ...	15	...	28	43
	Third Quarter ...	30	...	25	55
	Fourth Quarter ...	22	...	25	47
		95		109	204

Cannock (Rural) Mortality under 1 Year ... 34 per cent.

Ditto ditto ditto ditto in 1910 24 „

Brewood Mortality under 1 Year ... 23 „

Percentage of
Total Deaths. Ditto ditto ditto ditto in 1910 16 „

Cannock (Rural) Mortality up to 5 Years ... 45 „

Ditto ditto ditto ditto in 1910 36 „

Brewood Mortality up to 5 Years ... 30 „

Ditto ditto ditto ditto in 1910 25 „

Infant Death Rate ... 2·93 per 1,000.

Infant Death Rate.	1910 ...	2·13 per 1000	1905 ...	2·75 per 1000
	1909 ...	2·11 „	1904 ...	3·37 „
	1908 ...	2·99 „	1903 ...	2·95 „
	1907 ...	2·40 „	1902 ...	3·80 „
	1906 ...	2·42 „	1901 ...	3·58 „

The long continued drought in the summer of 1911, the plague of flies as affecting the milk and food supplies, contributed to a somewhat larger Infantile Mortality. Many infants of weakly, strumous, or tubercular constitutions succumbed owing to the debilitating effects of the intense heat, which in so many instances completely lowered the tone of the system. Note the third quarter in the mining area as producing the greatest mortality.

Infant Death Rate per 1,000 Births—

In 1911, 113; in 1910, 84; in 1909, 82; in 1908, 108; in 1907, 81.

Causes of Deaths in Infants—

	1911.	1910.	1909.	1908.	1907.
Zymotic Causes ...	2	2	11	3	4
Chest Causes ...	9	1	9	14	5
Nervous System ...	3	7	5	8	7
Debility Causes ...	36	22	10	25	17
Other Causes ...	8	11	7	9	8
	58	43	42	59	41

Analysis of Causes of Deaths in Infants—

		Cannock.	Brewood.	Totals.
Diarrhœa	...	1	1	2
Bronchitis	...	2	2	4
Pneumonia	...	4	1	5
Convulsions	...	1	1	2
Tubercular Meningitis	...	1	0	1
Premature Birth	...	6	10	16
Debility from Birth	...	0	1	1
Malnutrition	...	1	0	1
Marasmus	...	6	3	9
Ateleetasis	...	1	0	1
Inanition	...	0	4	4
Tuberculosis	...	4	0	4
Enteritis	...	1	0	1
Gastro Enteritis	...	0	2	2
Accident	...	1	0	1
Natural Causes...	...	1	0	1
Heart Disease	...	2	0	2
Other Causes	...	1	0	1
		—	—	—
		33	25	58

It is evident from the above figures that the ill-preparedness of the infant for the battle of life is largely traceable to maternal deficiencies in personal health or in improper feeding, such causes as Prematurity, Debility, Marasmus, and Tuberculosis producing 30 out of 58 infant deaths.

Analysis of Causes of Deaths in Children: 1 Year to 5—

		Cannock.	Brewood.	Totals.	
Diarrhœa	...	1	2	3	1 Year to 5 Years.
Pneumonia	...	4	5	9	
Bronchitis	...	1	0	1	
Croup	...	1	0	1	
Heart Disease	...	1	0	1	
Accident	...	2	0	2	
Liver Disease	...	0	1	1	
		—	—	—	
		10	8	18	

Cannock (Rural).			Brewood.			Death Rate over 65 Years.
1911	...	2.4 per 1000	1911	...	2.9 per 1000	
1910	...	2.5 per 1000	1910	...	3.7 per 1000	

Parish Death Rate Table—

Bushbury	...	11.6 per 1000		Parish Death Rates.
Brewood	...	13.2	„	
Penkridge	...	7.5	„	
Lapley	...	5.07	„	
Cheslyn Hay	...	12.3	„	

Acton and Bednall ...	7·6 per 1000
Essington ...	11·7 „
Great Wyrley ...	6·1 „
Hatherton ...	10 „

Mortality from Infections Disease—

Infections Disease.			Cannock.	Brewood.	Totals.
	...	...			
Diphtheria	...	...	0	1	1
Influenza	...	...	0	2	2
Puerperal Fever	...	...	1	0	1
Diarrhœa	...	...	2	3	5
			—	—	—
			3	6	9

Had it not been for the summer drought, and the slight increase in the Diarrhœa Rate, the Zymotic Death Rate would have been exceptionally low, and as it is, is the lowest well nigh on record.

Zymotic Death Rate ... 45 per 1,000.

In 1910, 49; in 1909, 14; in 1908, 66; in 1907, 71; in 1906, 61; in 1905, 120; in 1904, 11; in 1903, 86; in 1902, 104; in 1901, 13.

Zymotic Rate in Staffordshire Rural Districts in 1910, 74 per 1,000.

Distribution of Deaths—

From Bushbury	...	Influenza, 1.	Diarrhœa, 3.
„ Penkridge	...	Influenza, 1.	
„ Acton	...	Diphtheria, 1.	
„ Huntington	...	Diarrhœa, 1.	
„ Saredon	...	Puerperal Fever, 1.	
„ Essington	...	Diarrhœa, 1.	
Total	...	9	

The General Causes of Deaths—

General Causes of Death.			Cannock.	Brewood.	Totals.
	...	...			
Zymotic Diseases	...	...	3	6	9
Infantile Causes	...	...	14	18	32
Bronchitis	...	...	4	10	14
Pneumonia	...	...	11	9	20
Phthisis	...	...	1	5	6
Croup...	...	...	1	0	1
Liver Diseases	...	...	0	1	1
Heart Diseases...	...	...	11	15	26
Brain Diseases	...	...	4	6	10
Kidney Diseases	...	...	1	3	4
Cancer	...	...	4	11	15
Accident	...	...	6	6	12
Old Age	...	...	7	6	13
Tuberculosis	...	...	4	0	4
Suicide	...	...	1	1	2

		Cannock.	Brewood.	Totals.
Diabetes	...	1	0	1
Peritonitis	...	0	1	1
Rheumatic Fever	...	4	0	4
Convulsions	...	1	2	3
Enteritis	...	2	0	2
Gastro Enteritis	...	0	2	2
Gastritis	...	1	1	2
Natural Causes	...	3	1	4
Puerperal	...	3	0	3
Anæmia	...	0	1	1
All other Diseases	...	8	4	12
		95	109	204

Respiratory Death Rate ... 2·07 per 1,000.

1910, 2·33; 1909, 2·8; 1908, 3·15; 1907, 2·10; 1906, 1·80; 1905, 2·38; 1904, 2·69. Respiratory
Death Rate.

Causes of Uncertified Deaths—

Natural Causes (Hatherton); Asthenia (Brewood).

Percentage of Total Deaths ... ·97 per cent.

Uncertified
Deaths.

1910, 1·4 per cent.; 1909, 2·4 per cent.; 1908, ·82 per cent.; 1907, 1·89 per cent.; 1906, 2·5 per cent.

Notified New Cases of Sickness—

	1911.	1910.	1909.	1908.	1907.	1906.	Sickness.
Scarlet Fever	77	34	55	95	54	70	
Diphtheria	9	5	6	3	10	8	
Erysipelas...	22	22	20	13	18	19	
Enteric Fever	2	0	1	5	0	3	
Puerperal Fever	1	0	1	1	0	2	
Membranous Croup	0	0	2	0	0	0	
Ophthalmia Neonatorum	1	0	0	0	0	0	
	112	61	85	117	82	102	

Closure of Schools advised—

Stretton—May 24th to June 16th—Measles.

School
Closure.

Enteric Fever—

Wyrley, 1 Case, imported. Bashbury, 1 Case. Removed into Wolverhampton Hospital, prior to my receipt of the notification, and probably due to the offensive smells caused by taking up and relaying the floor of an old pigstye. Enteric Fever.

Scarlet Fever—

Cases, 77; Deaths, 0; Houses Infected, 62; Removed Scarlet Fever. to Hospital, 62; under 5 Years, 16; over 5 Years, 61.

Locality of the Cases—					
Bushbury ...	...	55	Essington ...	...	3
Cheslyn Hay ...	...	8	Huntington ...	...	2
Brewood ...	...	5	Coppenhall ...	...	1
Wyrley ...	...	3	Total ...	...	77

Cases in the District—			
1890-1896	Average per Annum	...	112
1897-1903	"	"	169
1904-1911	"	"	58

The last term of 8 Years corresponds with the existence of the Isolation Hospital.

Bushbury is somewhat vulnerable to attacks of Scarlet Fever, from contiguity to populous areas in and around Wolverhampton, and not in my opinion traceable to causes under the control of the Council. From October to December the Hospital was fully occupied, and a few of the cases had to wait a few days before accommodation could be found. For all purposes except of an extraordinary nature, the Hospital should be considered large enough to deal with outbreaks of Scarlet Fever in the District. Personal attention was directed to each individual outbreak, and each case could be accounted for either (1) By removal at once; (2) By removal, as our accommodation permitted for such; (3) Or by effective home isolation and treatment.

Diphtheria in the District—

Diphtheria. Cases, 9; Death, 1; Houses Infected, 7; Removed, 8. Locality of Cases: Penkridge, 4; Cheslyn Hay, 2; Hatherton, 1; Acton, 1; Dunnston, 1; total, 9.

In Penkridge the drains were found defective, surface water getting into the wells, and houses damp. The same conditions found elsewhere to a large extent. The Acton case was imported from Brownhills, and proved fatal.

In all cases of Scarlet Fever, Diphtheria, and Puerperal Fever, with Typhoid Fever as well, careful fumigation and disinfection was thoroughly carried out by the Sanitary Inspector, who in all cases submitted his reports to me.

Great Wyrley Sewerage: Treatment at the Cheslyn Hay Sewerage Works—

Great Wyrley
Sewerage.

A scheme was prepared by the Council's Engineer for dealing with the sewage from premises in the Parish of Great Wyrley. The scheme proposes that the present Works at Littlewood used for the treatment and disposal of sewage from the Parish of Cheslyn Hay should be altered and enlarged, so as to take the sewage from the

Parish of Great Wyrley. Application has been made to the Local Government Board to sanction a Loan of £5,200 to defray the cost of the scheme, the altered and enlarged Works being for the common benefit of the two Parishes of Cheslyn Hay and Great Wyrley. Notice of the apportionment of the cost has been served upon the Overseers of the two Parishes. An objection by the Cheslyn Hay Overseers against the apportionment of the cost has been lodged with the Local Government Board.

Brewood Water Supply—

The County Council made inquiry as to the adequacy of the supply of water for Brewood. The matter is under the consideration of the Council.

Brewood
Water Supply.

Cheslyn Hay Water Supply—

The yield of water by the Cheslyn Hay well was so irregular that the Council thought it wise to arrange with the South Staffordshire Water Works Company for a supply in the event of the well running dry. Terms have been arranged with the Company for a supply if found necessary.

Cheslyn Hay
Water Supply.

Essington (Broad Lane) Water Supply—

The whole of the houses without a satisfactory supply of water in Broad Lane, Essington, have been connected to the Wolverhampton Corporation water mains.

Essington
Water.

Four Ashes Water Supply—

Notices served upon the owners of properties in Four Ashes, in the Parishes of Brewood and Penkridge, to provide a satisfactory supply of water to their properties not having been carried out, the Council decided to sink a well. A small piece of land has been leased from F. Monckton, Esq., and arrangements have been made with Messrs. Ridgway and Son to sink a well upon such land, and provide necessary pump.

Four Ashes
Water.

Scavenging: Bushbury—

The contract for Public Scavenging in Bushbury was renewed for a further period of 12 months upon the same terms.

Scavenging.

Cheslyn Hay—

The Council renewed the contract for Public Scavenging in Cheslyn Hay for the sum of £120.

Infectious Diseases Notification—

The disease known as Ophthalmia Neonatorum became compulsorily notifiable in the district of the Council in the month of April.

Infectious
Diseases
Notification.

Brewood Sewerage—

Brewood
Sewerage.

The Council decided to extend the Brewood sewers so as to drain Kiddermore Green. A contract to carry out the work for £129 11s. 7d. was accepted.

Bushbury (Scotlands) Sewerage—

Bushbury
(Scotlands)
Sewerage.

A new sewer has been laid in Showell Road, Bushbury, and the main sewer has been extended through the Showell's Farm up to the Scotlands, a distance of about a mile-and-a-half. The sewage from this part of the Parish will now be dealt with at the Oxley Sewage Works. The cost of the work was about £2,000.

Penkridge Water Works—

Penkridge
Water Works.

The Penkridge Water Scheme has been satisfactorily completed at a total cost of about £500, less than the loans (£4,800). About 270 houses have been connected with the mains. The supply is an excellent one, the pressure being so great that it has been found necessary to reduce it by means of a pressure reducing valve, which has been fixed at Bangley.

Penkridge Sewerage—

Penkridge
Sewerage.

The Inspector of Nuisances made a special report upon the drainage arrangements in the village of Penkridge. This report showed the present arrangements to be unsatisfactory. A request has been made to the County Council for representatives of their Sanitary Committee to meet the Council's Engineer at Penkridge for the purpose of discussing and overcoming the difficulties involved by a sewerage scheme for Penkridge.

A notice was given to pass a Resolution making Acute Poliomyelitis and Cerebro Spinal Fever compulsorily notifiable.

The Council decided that the Medical Officer of Health should personally perform the duties, prescribed by the order of the Local Government Board, as to compulsory notification of Pulmonary Tuberculosis.

Isolation Hospital: Situate in Cheslyn Hay—

The Staffordshire County Council on the 26th of October decided to make an annual contribution towards the expenses of the Isolation Hospital from the 31st March, 1912.

Vaccination—

Vaccination
Returns.

I would express my thanks to Messrs. Dakin and Spooner for the following figures:—

Brewood S.R.D.				Cannock S.R.D.			
Births	...	...	245	Births	...	...	246

Insusceptible	...	0	Vaccinated	...	140
Objections	...	41	Objections...	...	90
Dead	...	18	Dead	...	10
Postponed	...	1	Postponed	...	1
Removal	...	2	Removal	...	3
Removed Unknown	...	2	Unvaccinated	...	2
Unvaccinated	...	3			
Vaccinated	...	178			246

245

Attention has been given during the year to the house accommodation in the district; the conditions as to size and number of rooms, drainage, water supply, and structural deficiencies, and from the detailed figures given in the Inspector's Report, it will be seen that much good work has been accomplished, and that much yet remains to be done.

Housing Town
Planning Act,
1909.

Number of houses found to be unfit for human habitation, 6; number of houses, the defects of which were remedied by the issuing of preliminary notices, 86; Houses in which the defects are in course of being remedied, 89.

The parishes in which the inspected houses mostly came from:—

Brewood	...	61	Bushbury	...	41
Penkridge	...	33	Cheslyn Hay	...	17

The large number of privy middens is to be noted also the great deficiency in ashpit accommodation. Much remains to be done to improve the water supply in the more rural communities.

I would express my thanks to the Clerk and his Staff, to Mr. Whitehead, and to the Inspector for their cordial co-operation in the work of the year.

Conclusion.

I am, Gentlemen,

Your obedient Servant,

W. HOSEGOOD, M.B.,

Medical Officer of Health.

Report of the Isolation Hospital.

MR. CHAIRMAN AND GENTLEMEN,

CHESLYN HAY, WALSALL.

The past year has been altogether a heavier record than 1910, especially since the beginning of August. During the year the Council has completely renovated, cleaned, and painted the exterior and interior of the buildings, which after seven years stood in need of such. Miss Akehurst, who had been Matron for over three years, tendered her resignation in October, and Miss Rutter was appointed in her place. The Probationer also resigned, after three years' service, and Miss Wilkes took the post on the nomination of the Council. Both the new Matron and Probationer have, since entering upon duty on November 3rd, had an exceptionally busy time, with all the beds fully occupied, and I am most pleased with the work they have both done. The Probationer is active, cheerful, fond of children, and promises well in her nursing work, whilst the Matron has done her duty to the patients, supervised the nursing, taken her full share of nursing duty, and kept a strict eye upon the domestic control of the Hospital. In a period of considerable pressure, entailing extra work and duties, the Caretakers have done their work cheerfully and well.

Patients admitted in 1910, and discharged in 1911.

Name.	Parish.	Age.	Disease.	Days in Hospital.
Lizzie Bill ...	Brewood	... 21 ...	Scarlet Fever	65
Hilda Whitehouse ...	Brewood	... 3 ...	Scarlet Fever	73
Jack Bill ...	Brewood	... 11 ...	Scarlet Fever	63
Hilda Brewer ...	Bushbury	... 5 ...	Scarlet Fever	91
Ethel Brotherton ...	Brewood	... 6 ...	Scarlet Fever	62
Henry Harper ...	Brewood	... 9 ...	Scarlet Fever	69
Henry Newman ...	Brewood	... 2 ...	Scarlet Fever	61

There were especial reasons for the retention of these cases, in the early part of the year, for prolonged periods—Albuminuria, prolonged Aural or Nasal Discharges, and in some cases the development of Mastoid Abscesses.

Patients admitted and discharged in 1911.

Stephen Thompson ...	Bushbury	... 2 $\frac{3}{4}$...	Scarlet Fever	80
Agnes Gretton ...	Brewood	... 7 ...	Scarlet Fever	77
Charlotte Field ...	Penkridge	... 8 ...	Diphtheria	49
Eva Beard ...	Penkridge	... 8 ...	Diphtheria	39
Silas Brevitt ...	Cheslyn Hay	... 12 ...	Scarlet Fever	27
Joseph Harris ...	Hatherton	... 10 ...	Diphtheria	63
Oswald Gardner ...	Huntington	... 19 ...	Scarlet Fever	46
Anstin Furness ...	Bushbury	... 12 ...	Scarlet Fever	51
Baden Furness ...	Bushbury	... 10 ...	Scarlet Fever	47
Laura Morgan ...	Cheslyn Hay	... 14 ...	Diphtheria	55
Harriett Bastone ...	Penkridge	... 33 ...	Diphtheria	37
Maud Bastone ...	Penkridge	... 3 ...	Diphtheria	52
Mabel Morgan ...	Cheslyn Hay	... 10 ...	Diphtheria	47
Mary Doughty ...	Cheslyn Hay	... 5 ...	Scarlet Fever	48
John Doughty ...	Cheslyn Hay	... 3 ...	Scarlet Fever	45
Ethel Plant ...	Bushbury	... 10 ...	Scarlet Fever	48
Rose Hawkins ...	Aeton	... 19 ..	Diphtheria	18*

Patients admitted and discharged in 1911.

Alice Nicholls	...	Bushbury	...	5	...	Scarlet Fever	52
Henry Nicholls	...	Bushbury	...	3½	...	Scarlet Fever	54
Ada Nicholls	...	Bushbury	...	7	...	Scarlet Fever	52
Reggie Hough	...	Bushbury	...	5	...	Scarlet Fever	44
John Leake	...	Bushbury	...	7	...	Scarlet Fever	61
Leslie Smith	...	Bushbury	...	3½	...	Scarlet Fever	83
Arthur Nicholls	...	Bushbury	...	1½	...	Scarlet Fever	54
Eric Leake	...	Bushbury	...	5	...	Scarlet Fever	44
Elsie Dodds	...	Brewood	...	6	...	Scarlet Fever	65
George Cash	...	Bushbury	...	10	...	Scarlet Fever	60
Arthur Dunn	...	Bushbury	...	4	...	Scarlet Fever	48
Ben Dunn	...	Bushbury	...	7	...	Scarlet Fever	48
Hilda Leake	...	Bushbury	...	3½	...	Scarlet Fever	41
George Mayo	...	Bushbury	...	10	...	Scarlet Fever	58
Margaret Sharples	...	Bushbury	...	10	...	Scarlet Fever	41
John Hall	...	Bushbury	...	13	...	Scarlet Fever	49
Cyril Wood	...	Brewood	...	4	...	Scarlet Fever	61
Doris Newman	...	Brewood	...	7	...	Scarlet Fever	43
Wm. Whitehouse	...	Cheslyn Hay	...	8	...	Scarlet Fever	46
Jack Benton	...	Wyrley	...	10	...	Scarlet Fever	38
Dorothy Wheeler	...	Bushbury	...	13	...	Scarlet Fever	38
Edna Robinson	...	Cheslyn Hay	...	7	...	Scarlet Fever	39
Frank Sncad	...	Bushbury	...	6½	...	Scarlet Fever	52
Violet Nicholls	...	Bushbury	...	5	...	Scarlet Fever	41
Charles Elton	...	Bushbury	...	12	...	Scarlet Fever	35
Arthur Hough	...	Bushbury	...	13	...	Scarlet Fever	38
Edgar Wilkins	...	Bushbury	...	14	...	Scarlet Fever	25
Ada Kingston	...	Bushbury	...	10	...	Scarlet Fever	46
Leonard Peach	...	Bushbury	...	9	...	Scarlet Fever	22
Elsie Jones	...	Bushbury	...	4½	...	Scarlet Fever	37
Henry Bellinger	...	Bushbury	...	5	...	Scarlet Fever	41
Lizzie Hall	...	Bushbury	...	18	...	Scarlet Fever	37
Hilda Leake	...	Bushbury	...	3½	...	Scarlet Fever	40
Leonard Whitehouse	...	Cheslyn Hay	...	18	...	Scarlet Fever	50
Alice Latham	...	Bushbury	...	11	...	Scarlet Fever	48
Edith Poole	...	Wyrley	...	3	...	Scarlet Fever	46
Hannah James	...	Cheslyn Hay	...	30	...	Scarlet Fever	47†
Alice Parker	...	Bushbury	...	7	...	Scarlet Fever	31
Constance Wakefield	...	Bushbury	...	8	...	Scarlet Fever	31
Horace Allsopp	...	Bushbury	...	6	...	Scarlet Fever	31
Lily Kingston	...	Bushbury	...	12	...	Scarlet Fever	24

* Denotes fatal cases in Hospital.

† A Nurse.

Patients admitted in 1911, and in the Hospital at end of year.

Sam Wall	...	Huntington	...	6	...	Scarlet Fever
Leslie Timmins	...	Bushbury	...	5½	...	Scarlet Fever
Irene Whitehouse	...	Cheslyn Hay	...	3½	...	Scarlet Fever
Lizzie Wrighton	...	Bushbury	...	9	...	Scarlet Fever
Lucy Smith	...	Bushbury	...	6	...	Scarlet Fever
Alfred Smith	...	Bushbury	...	5	...	Scarlet Fever
James Matthews	...	Bushbury	...	4	...	Scarlet Fever
Annie Lees	...	Bushbury	...	10	...	Scarlet Fever
Doris Hough	...	Bushbury	...	9	...	Scarlet Fever
Ethel Hough	...	Bushbury	...	4	...	Scarlet Fever
Cissy Hough	...	Bushbury	...	2½	...	Scarlet Fever
Beatrice Weaver	...	Bushbury	...	22	...	Scarlet Fever

The "Days in Hospital" for several cases in November and December are seen to be much below the average. The explanation is that certain cases were compelled to await their turns for admission

till beds could be found ready to receive them. In a few cases isolation at home was considered effective, but circumstances transpired later on to make removals desirable. During the year I became suspicious of certain defects in the drains, and asked the Sanitary Inspector to have them tested. He accordingly made a very thorough and complete investigation, which showed many serious defects. Promptly and efficiently Mr. Whitehead, the Surveyor, had the drains up, and made a thoroughly good rectification. Whilst the work was in progress, I refused the admission of fresh cases.

Patients admitted in 1904, 28; in 1905, 37; in 1906, 63; in 1907, 56; in 1908, 93; in 1909, 54; in 1910, 35; in 1911, 70; total, 436; average per annum, 54. Scarlet Fever, 396; Diphtheria, 35; Scarlet Fever and Diphtheria, 4; Enteric Fever, 1; total, 436. Cases notified in 1911 (Scarlet Fever and Diphtheria), 86; cases removed, 70.

Locality of the 436 cases for the 8 Years—

Bushbury ...	172	Acton and Bednall ...	12
Essington ...	48	Penkridge... ..	11
Brewood ...	60	Saredon	7
Cheslyn Hay ...	49	Lapley	3
Hatherton ...	22	Stretton	4
Huntington ...	20	Teddesley... ..	3
Wyrley ...	12	Coppenhall	1
Shareshill ...	12	Total	456

I beg to thank all the Nurses and Officials at the Hospital for their work of the year; the Sanitary Inspector for his valuable services in visiting the infected homes, in disinfection, removal of cases, and in disinfecting the Diphtheria block after Scarlet Fever; the Surveyor, Mr. Whitehead, for his advice and co-operation in affairs connected with the drainage, and in all structural matters; the Clerk for his helpfulness in all official matters; the Chairman and Members of the Hospital Committee for their prompt attention to any requests made, and for their interest in the welfare of the patients and resident officials.

W. HOSEGOOD, M.B., Medical Superintendent.

ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1911,

FOR THE RURAL DISTRICT OF CANNOCK,

On the Administration of the Factory and Workshops Act, 1901.

INSPECTIONS:

Workshops (including Workshop Laundries) ... 30

DEFECTS FOUND: FOUND REMEDIED

Want of Cleanliness 2 ... 2

REGISTERED WORKSHOPS:

Bakehouses, 18; Workshops, 53; Workplaces, 4; Total—75

W. HOSEGOOD, M.B., Medical Officer of Health.

Table I.—**VITAL STATISTICS OF WHOLE DISTRICT DURING 1911 AND PREVIOUS YEARS.**

CANNOCK RURAL DISTRICT.

YEAR.	POPULATION estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS Registered in the District.		Deaths of Residents not registered in the District.	NETT DEATHS belonging to the District.				
		Uncor- rected Number	Nett.		Number	Rate.		Under 1 Year of Age.		At All Ages.		
			Number	Rate.		Number.		Rate per 1000 Nett Births.	Number.	Rate.		
1	2	3	4	5	6	7	8	9	10	11	12	
1906	19360	505	505	26	198	10·2	7	47	93	205	10·58	
1907	19550	506	506	25	211	10·79	11	41	81	222	11·25	
1908	19675	546	546	27	241	12·24	7	59	108	248	12·50	
1909	19820	508	508	25	241	12·15	8	42	82	249	12·56	
1910	20115	506	506	25	215	10·68	17	43	84	232	11·53	
1911	19793	502	502	25	204	10·30	31	59	113	235	11·87	

Area of District in Acres
(exclusive of area
covered by water)

Total Population at All Ages..... 19,793
Number of Inhabited Houses 3,950 } At Census of 1911.
Average Number of Persons per House 5

Table II.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1911. CANNOCK RURAL DISTRICT.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES Notified in Each Locality of the District.		TOTAL CASES REMOVED TO HOSPITAL.
	At Ages—Years.								Cannock (S.R.D.)	Brewood (S.R.D.)	
	At All Ages.	At Ages—Years.									
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.			
Diphtheria (including Membranous Croup)	9	...	1	6	1	1	...	...	3	6	8
Erysipelas ...	22	1	...	3	1	6	7	4	16	6	...
Scarlet Fever ...	77	...	16	50	11	...	...	...	16	61	62
Enteric Fever ...	2	...	...	...	1	1	...	...	1	1	1
Puerperal Fever ...	1	...	...	...	...	1	...	...	1	...	...
Phthisis { Under Tuberculosis Regulations, 1908 Under Tuberculosis Regulations, 1911	4	...	...	...	1	2	...	1	1	3	...
	6	...	...	1	1	4	...	...	4	2	...
Ophthalmia Neonatorum ...	1	1	...	...	...	...	...	...	1	...	...
Totals ...	122	2	17	60	16	15	7	5	43	79	71

Cannock Rural District Isolation Hospital situate at Cheslyn Hay.

Total available beds—22.

Number of Cases that can be concurrently treated—3—Scarlet Fever, Enteric Fever, and Diphtheria.

February 15th, 1912.

PHTHISIS.—No provision by the Council for Sanatorium or Hospital Accommodation.

W. HOSEGOOD, M.B., C.M.,

Medical Officer of Health.

CANNOCK RURAL DISTRICT.

Table IV.—**INFANT MORTALITY.** 1911.—Net Deaths from stated causes at various ages under 1 Year of Age.

CAUSE OF DEATH.	Under 1 week.	1—2 weeks.	2—3 weeks.	3—4 weeks.	Total under 1 month.	1—3 months.	3—6 months.	6—9 months.	9—12 months.	Total Deaths under 1 year.
All Causes { Certified Uncertified	...	...	...	...	...	...	...	...	...	58 1—59
Diarrhoea ...	...	...	...	...	...	1	1	...	...	2
Enteritis ...	...	...	...	...	...	...	...	1	...	1
Tuberculous Meningitis	...	...	...	...	...	...	...	1	...	1
Abdominal Tuberculosis	...	...	...	...	...	2	...	2	...	4
Premature Birth ...	13	1	...	1	15	1	...	...	...	16
Atrophy, Debility & Marasmus	...	...	1	1	2	6	...	1	1	10
Atelectasis ...	1	...	...	...	1	...	...	...	...	1
Convulsions ...	2	...	...	...	2	1	...	...	...	3
Bronchitis ...	...	...	...	...	...	2	...	2	...	4
Pneumonia (all forms)	...	...	...	...	...	3	...	2	...	5
Other Causes ...	4	3	...	...	7	...	3	...	2	12
	20	4	1	2	27	16	4	9	3	59

Legitimate..... 486
 Illegitimate 16
 Net Births in the Year

Legitimate Infants..... 54
 Illegitimate Infants ... 4
 Net Deaths in the Year of

Report of Inspector of Nuisances.

J. T. H. HALL, Cert. Royal San. Inst.

FOR THE YEAR ENDING 1911.

THE OAKLANDS,

BREWOD,

APRIL 30th, 1912.

*To the Chairman and Members of the Cannock Rural
District Council.*

GENTLEMEN,

I have the honour to submit to you my Report of the work carried out by me as Inspector of Nuisances, etc., to your Council during the year 1911.

Inspections—

I include tabulated lists of inspections, etc., made during the year, and of the work done in the abatement of nuisances.

Water Supply—

Six samples of water have been taken for analysis, and of these 3 were found to be polluted. Twenty-four applications were received for Water Certificates for newly erected houses, and 24 Certificates were granted under the Public Health (Water) Act, 1878. Estimates were received for the boring of a well at Four Ashes, and the contract was given to Messrs. Ridgway and Sons, Chester, and the work is now in hand.

Slaughter Houses—

Seventy-eight visits have been made to the slaughter houses in the district, and they were found to be kept in a satisfactory manner. One new license has been granted for the use and occupation of a slaughter house, and 2 licenses for the erection of slaughter houses. Twelve licenses have been renewed.

Scavenging—

During the year I received 50 written complaints of ash-pits, etc., requiring emptying—13 from the parish of Bushbury and 37 from Cheslyn Hay. I issued 53 notices to the Contractors to attend to these and others, amounting to 133 in Cheslyn Hay and 62 in Bushbury, and they received prompt attention. The receptacles emptied for the year in Bushbury were: 118 middens, 892 ash-pits, 828 Rochdale pans, and 3,215 dust bins; and for Cheslyn Hay, 1,322 middens and ash-pits, and 250 Rochdale pans; a total of 6,725 receptacles for the two parishes.

Drainage Work—

I have had the drains at 27 houses in Essington re-constructed and connected to the sewers. At Bushbury I have had 15 houses re-drained and connected to the sewers, and 14 middens have been abolished and 13 waste water closets, and 1 water closet with flushing cistern have been fixed in place thereof. I have also had the drains

at the L. and N.-W. Railway Lodging House, Bushbury, re-constructed and connected to sewer, and the middens abolished and 3 water closets with flushing cisterns fixed, and also the privies and urinal at the Cleaning Sheds have been re-built, and trough closets with automatic flushing cistern provided. At Cheslyn Hay I have had 31 houses drained and connected to the sewers. There are 13 houses still to be connected to the sewers, and the owners have promised to attend to these at an early date. Twelve houses have been re-drained and connected to the sewers at Brewood, and 2 waste water closets fixed, and the sanitary conveniences at the Roman Catholic Schools have been taken down and re-constructed, and 5 trough closets fixed with flushing tank. The drains at the Vicarage, Penkridge, have been entirely re-constructed.

Petroleum Acts—

Thirty-seven inspections have been made under the Petroleum Acts, and the premises found to be kept in a satisfactory manner. Nineteen applications for the renewal of licenses have been received, and these were granted.

Workshops and Bakehouses—

Thirty inspections of workshops and bakehouses have been made, and they were found to be kept in a satisfactory manner, with the exception that 2 bakehouses required white-washing, and these have been done.

Canal Boats, etc.—

Details of inspections made under the Canal Boats Acts and the Dairies, Cowsheds, and Milkshops Order, 1885, are set out at the end of this report, and also a summary of work done as compiled for the Staffordshire County Council.

In conclusion, I desire to express my thanks to the Chairman and Members of the Council, the Medical Officer of Health, the Clerk, and the Surveyor, for their courtesy and assistance given to me during the year.—I am, Gentlemen, your obedient Servant,

J. T. H. HALL.

Complaints received and dealt with.

Sanitary Defects and other Nuisances ...	...	45
Requests to have Privies and Ashpits Emptied (Bushbury)		13
“ “ “ “ “ (Cheslyn Hay)		37—50

Summary of Sanitary Work done during the Year 1911.

Number of Houses Inspected ...	...	375
Number of Workshops and Bakehouses Inspected ...	...	30
Slaughter Houses Inspected ...	...	78
Cowsheds, Dairies, and Milkshops Inspected ...	...	102
Canal Boats Inspected ...	...	30

Meat and Food Inspected ...	...	...	149
Piggeries, Stables, etc., Visited ...	...	...	21
Ashpits, etc., Visited ...	...	...	81
Ashpits reported for Cleansing ...	...	...	195
Samples of Water taken for Analysis ...	...	...	6
Cases of Infectious Disease Investigated ...	...	...	86
Cases of Infectious Disease removed to Hospital ...	...	...	70
Houses Disinfected after Infectious Disease ...	...	...	76
Inspections under the Petroleum Acts ...	...	...	37
Re-inspections, Calls, etc. ...	...	...	820
Drainage Work Tested and Inspected ...	...	...	160
Preliminary Notices Issued ...	...	...	73
			—2389
Notices to Schools ...	...	...	52
Reports on Infectious Cases to Medical Officer of Health			74

The Housing, Town Planning, Etc., Act, 1909.

I beg to submit my first Annual Report of houses inspected under Section 17 of the Housing, Town Planning, Etc., Act, 1909.

I give tabulated lists of particulars of such inspections, with the sanitary and other defects found and the work done in getting these remedied.

During my inspections I have experienced great difficulty in getting the cases of overcrowding abated owing to the scarcity of houses with three bedrooms in most parishes.

The number of houses inspected (185), and the fact that they are scattered over the district, are not sufficient to put before you a statement of the inadequacy of housing accommodation in the district, although a scarcity of suitable houses with three bedrooms does exist in most of the parishes.

Next year I think it will be much better to largely concentrate the inspections to the whole of the houses in a parish or portions of a parish where the houses are in groups.

By inspecting houses so scattered the work is enormously increased, particularly in re-inspections, and at the end of the year I am not able to lay before you the exact amount of overcrowding or want of housing accommodation in the district as a whole or in any one parish.

Number of houses inspected	...	...	...	185
„ „ occupants	...	...	...	807
Average number per house...	...	...	...	4.36
Number of houses with 1 bedroom	...	...	...	13
„ „ occupants	...	...	...	33
„ „ houses with 2 bedrooms	...	...	...	116
„ „ occupants	...	...	...	491
„ „ houses with 3 bedrooms	...	...	...	39
„ „ occupants	...	...	...	189

„ „ houses with 4 bedrooms	...	...	...	13
„ „ occupants	...	...	...	73
„ „ houses with 5 bedrooms	...	...	...	2
„ „ occupants	...	...	...	16
One house with 6 bedrooms with 5 occupants	...	...	...	
Number of houses found to be unfit for human habitation	...	...	...	6
Number of representations made to Local Authority with a view to making Closing Orders	...	...	...	6
Number of houses in respect to which Closing Orders and Demolition Orders were made	...	...	...	5
Number of houses rendered fit for human habitation after the making of Demolition Orders	...	...	...	2
Number of houses demolished after Closing Orders and Demolition Orders were made	...	...	...	3
Number of houses unfit for human habitation against which action is proceeding	...	...	...	1
Number of houses the defects of which were remedied by the issuing of Preliminary Notices	...	...	...	86
Number of houses the defects of which are in course of being remedied or in which action is proceeding	...	...	...	89
Number of houses without sanitary defects	...	...	...	10
Number of re-inspections made	...	...	...	343

List of Parishes in which the Houses Inspected are Situated:—

Bushbury	...	...	41	Cheslyn Hay	...	...	17
Great Wyrley	...	...	8	Huntington	...	...	7
Featherstone	...	...	2	Hatherton	...	...	4
Shareshill	...	...	2	Dunston	...	...	4
Acton Trussell	...	...	3	Brewood	...	...	61
Wheaton Aston	...	...	2	Essington	...	...	1
Penkridge	...	...	33	Total	...	...	185

Closest Accommodation to the 185 Houses.

Number of houses with privy middens to each	...	...	93
„ „ „ „ „ „ „ every 2	...	...	44
„ „ „ „ „ „ „ „ 3	...	...	18
„ „ „ „ „ „ „ „ 4	...	...	4
„ „ „ „ „ „ „ „ Roehdale pans	...	...	16
„ „ „ „ „ „ „ „ Water closets to each	...	...	6
„ „ „ „ „ „ „ „ 2	...	...	4

Ashpit Accommodation.

Number of houses with open ashpits	...	...	64
„ „ „ „ covered ashpits	...	...	40
„ „ „ „ bins	...	...	2
„ „ „ „ without proper ashpits	...	...	79
Number of houses with only one entrance	...	...	14
„ „ „ „ without boilers	...	...	16
„ „ „ „ sinks	...	...	48
„ „ „ „ scullery accommodation	...	...	13
„ „ „ „ pantry	...	...	7

Water Supplies.

Number of houses with tap water	...	...	...	42
" " " " well to each	...	...	...	37
" " " " " between 2	...	...	...	25
" " " " " " 3	...	...	...	17
" " " " " " 4	...	...	...	16
" " " " " " 5	...	...	...	15
" " " " " " 6	...	...	...	12
" " " " " " 12	...	...	...	12
" " " without supply	...	...	...	9
" " " with bad water	...	...	...	20

Nature of Nuisances and Defects Discovered at the Houses Inspected under the Housing, Town Planning, Etc., Act, and the Public Health Acts, and the Improvements effected.

DEFECTS FOUND	Under Housing Acts	Under Public Health Acts
The house or part of a house in a dirty condition...	12	—
Ditto ditto in a damp condition...	46	—
The house unfit for habitation ...	6	—
The house being overcrowded ...	9	5
The privy midden being a nuisance or defective ...	53	—
Sinks foul, improperly constructed or drained ...	75	—
The drains being stopped or choked ...	3	6
Premises without proper means of drainage ...	83	—
Rainwater pipes being defective ...	27	—
Houses without eaves and downspouts ...	25	—
Roofs of houses being defective ...	22	—
Roofs of sculleries being defective ...	7	—
Roofs of pantries being defective ...	5	—
The floors of yards and closets being in an insanitary condition for want of proper paving...	54	—
The outbuildings being dilapidated ...	12	—
The ashpits being foul or defective ...	16	78
Animals kept so as to be a nuisance ...	4	5
Pigstyes not drained ...	19	—
Flooded cellars ...	7	—
Living room floors defective ...	32	—
Bedroom ditto ...	9	—
Scullery ditto ...	24	—
Pantry ditto ...	13	—
Windows defective ...	20	—
Doors and frames defective ...	19	—
Stairs defective ...	9	—
Boilers defective ...	26	—
Sculleries generally dilapidated ...	17	—
Plastering of walls and ceilings defective ...	59	—
Water closets defective ...	2	1
Premises with insufficient, bad, or no water supply	28	—

Drains being defective	...	...	...	44	7
Light and Ventilation defective	...	...	...	22	—
Pumps out of order	...	...	...	4	—
				813	102

Total Defects found under Housing Acts...

... 813

Total Defects found under Public Health Acts

... 102

IMPROVEMENTS EFFECTED

				Under Housing Acts	Under Public Health Acts
Drains	{	Reconstructed	...	48	96
		Improved or repaired...	...	16	9
Sinks provided or properly drained			...	54	7
Privy middens abolished			...	3	14
Privies repaired or reconstructed			...	32	3
Waste water closets provided			...	2	21
Water closets provided			...	1	3
Ashpits provided or repaired			...	13	3
Yards and channels repaired or relaid			...	30	4
Pigstyes drained			...	7	5
Pigstyes rebuilt			...	2	—
Houses	{	Overcrowding abated	...	5	4
		Cleansed or whitewashed	...	12	—
		Generally repaired...	...	16	1
		Spouting provided or repaired	...	32	2
Wells cleansed			...	2	—
Water provided			...	14	—
Scullery accommodation provided			...	4	1
Sculleries generally repaired			...	4	—
Scullery floors repaired			...	15	—
Scullery roofs repaired			...	10	—
Pantry floors repaired			...	5	—
Pantry roofs repaired			...	2	—
Roofs of houses repaired			...	20	—
Boilers repaired			...	12	—
Living room floors repaired			...	15	—
Bedroom floors repaired			...	5	—
Plastering of walls and ceilings repaired			...	29	—
Dampness remedied			...	22	—
Ventilation improved			...	13	—
Lighting improved			...	6	—
Outbuildings repaired			...	3	—
Outbuildings demolished			...	2	—
Houses demolished			...	3	—
Miscellaneous			...	17	16
Total Improvements	...	...	665	476	189
Total Premises Improved	...	...	179		
Ashpits Cleansed	...	...	6725		

DAIRIES, COWSHEDS & MILKSHOPS ORDER, 1885.

The following is a summary of the work carried out under this Order :

Cowsheds, Dairies and Milkshops Inspected	...	102
Registration of Cowkeepers, Dairymen and Purveyors of Milk		10

Nature of Nuisances Discovered.

Walls of Cowsheds in a dirty condition	...	4
Premises defectively drained	...	6
Paving in Cowsheds defective	...	5
Untrapped openings in Dairies	...	1
Premises with defective light and ventilation	...	5—21

Improvements made in compliance with Notices served.

Walls of Cowsheds cleansed and whitewashed	...	4
Light and Ventilation provided	...	5
Floors and channels repaired and re-laid	...	4
Drainage improved or repaired	...	6
Buildings generally repaired	...	1—20

Cannock Rural District Council.

CANAL BOATS ACT, 1887-1884.

REPORT FOR YEAR ENDING DECEMBER 31st, 1911.

During the year 1911, 30 canal boats have been inspected. The boats were occupied by 97 persons—49 men, 17 women, 31 children—the registration accommodation being for 116 persons. The occupants work out at 3·23 persons per boat, against 2·83 last year. The proportion of women and children per boat is 1·6, against 1·18 last year. I did not find any infringements of the Acts, and no infectious disease occurred on board. The boats inspected I found to be generally clean, ventilated, and free from overcrowding; and I received every courtesy from the occupants.

Owen J. Llewellyn, Esq., H.M. Chief Inspector of Canal Boats, visited the district on 25th October, and examined my inspection books and found them satisfactory.

The Oaklands,
Brewood.

J. T. H. HALL,
Canal Boat Inspector.

Summary of Sanitary Work done in the Nuisance Inspector's Department during the Year 1911
in the Rural District of Cannock as compiled for the Staffordshire County Council.

	Number of		Informal Abatement Notices by Inspector.	Nuisances abated after Notice by Inspector.
	Inspections and Observations made.	Defects Found.		
Dwelling Houses and Schools	956	193	...	141
{ Foul Conditions Structural Defects Overcrowding Unfit for Habitation...	6	407	...	245
		13	...	9
Dairies and Milkshops	102	6	...	3 demolished
Cowsheds	30	21	...	20
Bakehouses and Workshops	78	2	...	2
Slaughter-Houses	30	...	...	...
Canal Boats	94	...	...	...
Ashpits and Privies Emptied	2	81	...	...
Deposits of Refuse and Manure	3	2	...	6725
Water Closets Fixed	3	3	...	2
{ Defective Drains No Disconnection Other Faults	391	134	...	27
		9	...	169 drains laid and improved
House Drainage	29	9	...	14
Water Supply	21	28	...	14
Pigstyes Drained	9	19	...	9
Animals Improperly Kept	...	9	...	43
Other Nuisances	...	...	...	...
Totals	1769	927	73	7422

Samples of Water taken for Analysis, 6. Samples of Water Condemned as Unfit for Use, 3. Precautions against Infectious Disease—
Lots of Infected Bedding Disinfected or Destroyed, 76; Houses Disinfected after Infectious Disease, 76.

(Signed) J. T. H. HALL, Inspector of Nuisances, April 30th, 1912.